Title (en)

System for learning the fullyclosed opening degree of subsidiary throttle valve.

Title (de)

Vorrichtung zum lernenden Erfassen der voll geschlossenen Stellung eines Hilfs-Drosselventils.

Title (fr)

Système pour détecter adoptivement la position complètement fermée d'un pagillon subsidiaire.

Publication

EP 0641924 A1 19950308 (EN)

Application

EP 94114048 A 19940907

Priority

JP 22260393 A 19930907

Abstract (en)

In a system for learning the fully-closed opening degree of a subsidiary throttle valve, if a stable state judging means judges that a state in which an influence is not exerted to the operational state of the engine (a state in which the vehicle is stopped and the engine is in an idling state) even if the subsidiary throttle valve is fully closed, a valve closing means closes the subsidiary throttle valve and a fully-closed opening degree learning means starts learning. If the opening degree of the subsidiary throttle valve or the engine revolution number is largely varied during the learning of the fully-closed opening degree learning means, a valve-closing prohibiting means prohibit the closing of the subsidiary throttle valve to discontinue the learning. Even if all of the conditions for learning are satisfied again, the closing of the subsidiary throttle valve and learning by the fully-closed opening degree learning means are prohibited until the comparator circuit judges that the vehicle starts traveling and vehicle speed exceeds a reference value. <IMAGE>

IPC 1-7

F02D 41/04

IPC 8 full level

F02D 45/00 (2006.01); **F02D 9/02** (2006.01); **F02D 11/10** (2006.01); **F02D 41/02** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP US)

F02D 11/106 (2013.01 - EP US); **F02D 41/2438** (2013.01 - EP US); **F02D 41/2448** (2013.01 - EP US); **F02D 41/2474** (2013.01 - EP US); **F02D 41/28** (2013.01 - EP US); F02D 41/2464 (2013.01 - EP US); F02D 2200/0404 (2013.01 - EP US); F02D 2250/16 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0641924 A1 19950308; **EP 0641924 B1 19971203**; DE 69407116 D1 19980115; DE 69407116 T2 19980326; JP 2841013 B2 19981224; JP H0777100 A 19950320; US 5562080 A 19961008

DOCDB simple family (application)

EP 94114048 A 19940907; DE 69407116 T 19940907; JP 22260393 A 19930907; US 30190394 A 19940907